aquathermicss

A NEW-GENERATION HIGH EFFICIENCY SWIMMING POOL HEAT PUMP

SUMMER POOL FUN, ALL YEAR ROUND

Flexibility: Extend your swimming season and swim all year round

Environmentally Friendly: Lower operating costs and noise levels

Inverter Technology: Reduce heating times and save on running costs

HeatPumpGO: Wireless Wi-Fi control with your smartphone



R32 REFRIGERANT

Lower Environmental Impact

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IMPECCABLE PERFORMANCE AND EFFICIENCY.

Easy on the environment. Easy on your wallet.

Looking to heat your pool without breaking the bank? Look no further than the Aquathermicss High Performance Heat Pump. Heat pumps capture free heat in the air and transfer it to your pool water, making it one of the most energy efficient ways to heat your pool or spa. Compared to gas, oil, or electric heaters, the UltraTemp High Performance Heat Pump uses just a fraction of the energy to generate the same amount of heat. In fact, heat pumps can be over 5X more efficient than other heating methods. That means more comfortable water and a longer swim season for you and your family.



Quiet operation
Sound insulating construction to keep noise at a minimum. For those looking for ultra-quiet operation, the all new Aquathermicss Swimming Pool heat pump.

Automation ready
Pair with the Aquathermicss Automation and you can control your pool functions from across the yard or around the globe.

Environmentally friendly
Ozone-friendly refrigerant and low energy consumption, make Aquathermicss heat pumps not only economical but environmentally friendly as well.

Titanium heat exchanger
100% titanium heat exchanger assures corrosion-free performance backed by our lifetime warranty.

Heat/cool functionality
Available with heat/cool functionality that can automatically heat or chill your pool to your desired temperature.

Industry leading warranty
Five-year warranty on compressor parts and labor, plus five-year warranty on titanium heat exchanger.

Easy to use
Intuitive menu driven controls with full-word readout for easy operation.

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TECHNICAL SPECIFICATION:

	AQUA-SP-55	AQUA-SP-72	AQUA-SP-110	AQUA-SP-155	AQUA-SP-230	AQUA-SP-275
Nominal capacity	54kW	72kW	110kW	155kW	230kW	275kW
Rated Power	10kW	13kW	20kW	28.57kW	41.77kW	50kW
COP	5.5	5.5	5.5	5.5	5.5	3.85
Working Ambient Temp.	0˚C to 43˚C	0˚C to 43˚C	0˚C to 43˚C	0˚C to 43˚C	0˚C to 43˚C	0˚C to 43˚C
Heat Exchanger Type	----------Titanium Tube in PVC Shell----------					
Water Circulation Flow	25 m³/Hr.	32 m³/Hr.	51 m³/Hr.	62 m³/Hr.	104 m³/Hr.	120 m³/Hr.
Rated Hot Water Temp	55˚C	55˚C	55˚C	55˚C	55˚C	55˚C
Max Outlet Water Temp	60˚C	60˚C	60˚C	60˚C	60˚C	60˚C
Noise	<68dB(A)	<74dB(A)	<74dB(A)	<76dB(A)	<78dB(A)	<64dB(A)
Electrical/Power Specifications						
Rated Input	10.41kW	14.28kW	19.78kW	28.57kW	41.77kW	3.89kW
Max. Input Power	13.01kW	17.85kW	25.11kW	35.71kW	52.21kW	4.86kW
Rated Current	22.47Amps	29.89Amps	39.88Amps	59.78Amps	89.88Amps	5.98Amps
Max Current	28.08Amps	36.11Amps	49.85Amps	71.73Amps	107.85Amps	7.47Amps
Power Supply	380V | 50Hz | 3Ph.	380V | 50Hz | 3Ph.	380V | 50Hz | 3Ph.	380V | 50Hz | 3Ph.	380V | 50Hz | 3Ph.	380V | 50Hz | 3Ph.
IP Grade (Protection)	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Others						
Compressor Type	Scroll	Scroll	Scroll	Scroll	Scroll	Rotary
Compressor Qty	Two	One	Two	Two	Four	Four
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410a
Water Pressure Drop	70kPa	70kPa	70kPa	70kPa	70kPa	60kPa
Water inlet / Outlet size	G 1 1/2"	G 1 1/2"	G 2"	G 2"	G 2 1/2"	G 3/4"
Net Weight	324kg	390kg	595kg	680kg	1150kg	85kg
Dimensions (LxBxH, All are in mm)	1575 x 910 x 1200	1710 x 1075 x 1430	2060 x 1060 x 1900	2060 x 1060 x 1900	2050 x 2100 x 2050	1075 x 540 x 690

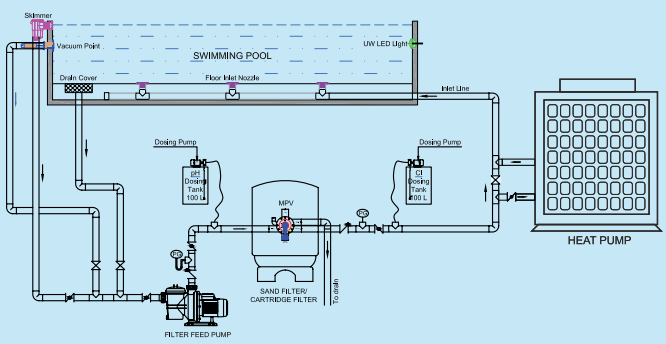
*Test Condition : Ambient Temp. : WB 15˚C/DB 20˚C | Cold Water Inlet Temp. : 20˚C | Hot Water Temp. : 55˚C

Product Attributes

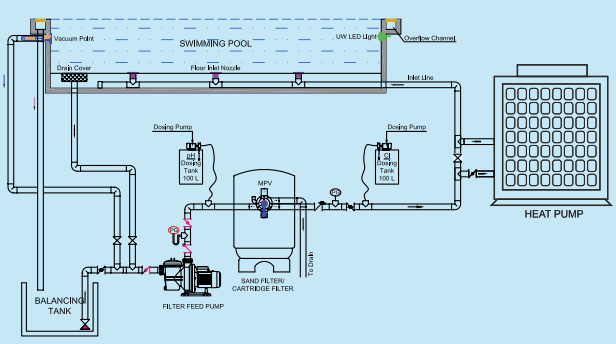
- Max. pool water output temperature: 35°C
- Automatic startup and shutdown
- Automatic defrosting
- High efficiency Scroll compressor
- Wifi available
- Easy for plumber installation
- Titanium tube in shell heat exchanger
- Smart digital controller
- Made in India, Made for India

Installation Diagram

Skimmer Type



Overflow Type





OUR BRANCHES

AHMEDABAD | BARODA | SURAT | RAJKOT

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905, Akik Building, Opp. Rajpath Club, S.G. Road, Ahmedabad-380 015.
Tel: +91 98796 09770
Email: aquathermicss@gmail.com
Visit us: www.aquathermicss.com